

# TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

04340-PCT-PA

U.S. APPLICATION NO. (if known, see 37 CFR 1.5

**10/516406**

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/CA03/00820

06 June 2003

06 June 2002

## TITLE OF INVENTION

DETECTION OF EPIGENETIC ABNORMALITIES AND DIAGNOSTIC METHOD BASED THEREON

## APPLICANT(S) FOR DO/EO/US

Arturas Petronis

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto.
  - b. ☒ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (If known, see 37 CFR 1.53)

10/516406

INTERNATIONAL APPLICATION NO.  
PCT/JP03/00820ATTORNEY'S DOCKET NUMBER  
04340-PCT-PA21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1110.00  
and International Search Report not prepared by the EPO or JPO ..... \$1080.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS PTO USE ONLY**

\$ 1,110.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months  
from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	24 - 20 =	4	x \$18.00	\$ 72.00
Independent claims	9 - 3 =	6	x \$86.00	\$ 528.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,710.00

\$

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above  
are reduced by 1/2.

\$

**SUBTOTAL =**

\$ 1,710.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months  
from the earliest claimed priority date (37 CFR 1.492(f)).

\$

**TOTAL NATIONAL FEE =**

\$ 1,710.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

**TOTAL FEES ENCLOSED =**

\$ 1,710.00

Amount to be  
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 1,710.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 02-2839. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card  
information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)  
or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP  
Intellectual Property Law Offices  
502 Washington Avenue, Suite 220  
Towson, MD 21204

SIGNATURE

Robert M. Gamson

NAME

32,986

REGISTRATION NUMBER

10/516406

Rec'd PCT/PTO @ 1 DEC 2004

Intellectual Property Law Offices

**LEONARD BLOOM**

Senior Counsel

**ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP**

ROBERT M. GAMSON  
SAM ROSEN  
JAMES E. ARMSTRONG, IV

WASHINGTON OFFICE:

JAMES E. ARMSTRONG, III  
WILLIAM G. KRATZ, JR. \*  
MEL R. QUINTOS \*  
DONALD W. HANSON \*  
WILLIAM L. BROOKS \*

GEORGE N. STEVENS \*  
DARREN R. CREW \*

PATENT AGENTS

JAMES N. BAKER  
DANIEL A. GESELOWITZ, Ph.D.

\* Not Admitted in Maryland

BALTIMORE OFFICE  
SUITE 220  
502 WASHINGTON AVENUE  
TOWSON, MARYLAND 21204

www.leonardbloom.com  
PHONE: (410) 337-2295  
FACSIMILI: (410) 337-2296  
TOLL FREE: 1-877-733-4766  
E-MAIL: len@leonardbloom.com

WASHINGTON OFFICE  
SUITE 1000  
1752 K STREET, NW  
WASHINGTON, D.C. 20006

TOKYO LIAISON OFFICE  
6<sup>TH</sup> FLOOR  
DIAMOND PLAZA BLDG  
25 ICHIBANCHO, CHIYODA-KU  
TOKYO 102, JAPAN

PITTSBURGH OFFICE  
THE LAW & FINANCE BUILDING  
SUITE 707  
429 FOURTH AVENUE  
PITTSBURGH, PA 15219

OF COUNSEL

RONALD F. NAUGHTON \*  
EDWARD F. WELSH \*  
NICHOLAS S. BROMER \*  
C. WILLIAM SCHILDNECHT \*  
JOHN F. CARNEY \*

December 1, 2004

VIA EXPRESS MAIL  
EV453246783US

Commissioner for Patents  
Box PCT  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Our Docket No. 04340-PCT-PA

Dear Sir:

**THIS NEW PATENT APPLICATION IS BEING FILED BY EXPRESS MAIL, TODAY, AND IS ENTITLED TO HAVE TODAY'S DATE ON THE OFFICIAL FILING RECEIPT.**

Enclosed please find the following:

1. Form PTO-1390
2. Declaration duly executed.

CERTIFICATE OF TRANSMITTAL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: December 1, 2004

Express Mail Label No. EV453246783US

By: Carolyn N. Bates

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP

Commissioner for Patents

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December 1, 2004

3. Our check No. 01781 in the amount of \$1,710.00 to cover the filing fee.
4. Our post card. (Please date stamp and return.)

The inventor is:

Arturas Petronis  
250 College Street  
Toronto, Ontario  
CANADA  
Citizenship: Canada

Please address all correspondence to:

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP  
Intellectual Property Law Offices  
502 Washington Avenue, Suite 220  
Towson, Maryland 21204.

If there are any additional fees required, please charge our Deposit Account No. 02-2839.

Thank you for your cooperation and assistance.

Respectfully submitted,



Robert M. Gamson

RMG/chb

Enclosures

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